

IN THE CLAIMS

1. (Previously Presented) A method of according preferred transport to content, the method comprising:

identifying a content aware node, the node being contained in a transmission path of the content;

identifying any portion of the content to be transmitted;

determining transport parameters based on the identified content aware node and the identified content for transmission;

transmitting the identified content for transmission based on the determined transport parameters; and

providing the identified content for transmission to a user requested location.

2. (Previously Presented) The method according to claim 1, wherein the content is electronic data.

3. (Previously Presented) The method according to claim 1, wherein the content is media content.

4. (Previously Presented) The method according to claim 1, wherein the content aware node is selected from a group consisting of an application specific node, a client node, a server node, and a network communication node.

5. (Previously Presented) The method according to claim 1, wherein transmitting at least part of the content includes:

transmitting the content with the determined transport parameters over a peer-to-peer network.

6. (Previously Presented) The method according to claim 1, wherein identifying the content for transmission enables control on distribution of the content by at least one selected from a group consisting of an owner of the content, a peer-to-peer network, and a service provider.

7. (Previously Presented) The method according to claim 1, wherein identifying the content for transmission includes:

reading a content tag.

8. (Previously Presented) The method according to claim 7, wherein reading the content tag includes reading:

a multi-element content tag.

9. (Previously Presented) The method according to claim 1, wherein the determined transport parameters include at least one selected from a group consisting of a predetermined amount of bandwidth, a quality of service, a transmission attribute, an amount of packet loss, and an amount of jitter.

10. (Previously Presented) The method according to claim 9, wherein the determined transport parameter is a predetermined amount of bandwidth.

11. (Previously Presented) The method according to claim 1, wherein identifying the content aware node and identifying the content for transmission occurs at the time an application is accessed.

12. (Previously Presented) The method according to claim 1, further comprising transmitting unidentified content based on transport parameters different from the determined transport parameters.

13. (Previously Presented) The method according to claim 13, wherein the different parameters comprise a lower level of transport service.

14. (Previously Presented) The method according to claim 1, further comprising: authenticating the distribution allowed for the content, and authorizing only the allowed distribution for the content.

15. (Previously Presented) The method according to claim 14, wherein the distribution authorized includes geographic restrictions.

16. (Previously Presented) The method according to claim 15, wherein determining transport parameters based on the identified content aware node and the identified content further comprises:

retrieving a transport profile corresponding to one of the identified content and the identified node from at least one selected from a group consisting of an external database, a look up table, and a Uniform Resource Locator (URL) serving agent.

17. (Previously Presented) The method according to claim 1, wherein the user requested location is a device.

18. (Previously Presented) The method according to claim 17, wherein the device is one selected from a group consisting of personal computer, a minicomputer, a microcomputer, a mainframe computer, a personal digital assistant, a hand-held device, a set-top box, a cellular telephone, an IP telephone, a videophone, a videogame machine, a television, and a personal video recorder.

19. (Previously Presented) A method of according preferred transport to content, the method comprising:

identifying any portion of the content for transmission;
determining transport parameters based on the identified content for transmission;
transmitting the identified content for transmission based on the determined transport parameters; and

providing the identified content for transmission to a user.

20. (Previously Presented) The method of claim 19, wherein identifying the content occurs at the time an application is accessed.

21. (Previously Presented) The method according to claim 19, wherein transmitting the identified content for transmission includes:

transmitting the content over a network in which clients and servers are distributed such that an owner of the content does not own the server element on which the content is stored.

22. (Previously Presented) The method according to claim 19, further comprising:
authenticating the distribution allowed for the content, and
authorizing only the allowed distribution for the content.

23. (Previously Presented) The method according to claim 19, wherein the user requested location is a device.

24. (Currently Amended) The method according to claim 23, wherein the device is one selected from a group consisting of personal computer, a minicomputer, a microcomputer, a mainframe computer, a personal digital assistant, a hand-held device, a set-top box, a cellular telephone, an IP telephone, a videophone, a videogame machine, a television, and a personal video recorder.